

Figure 1 - Block Diagram

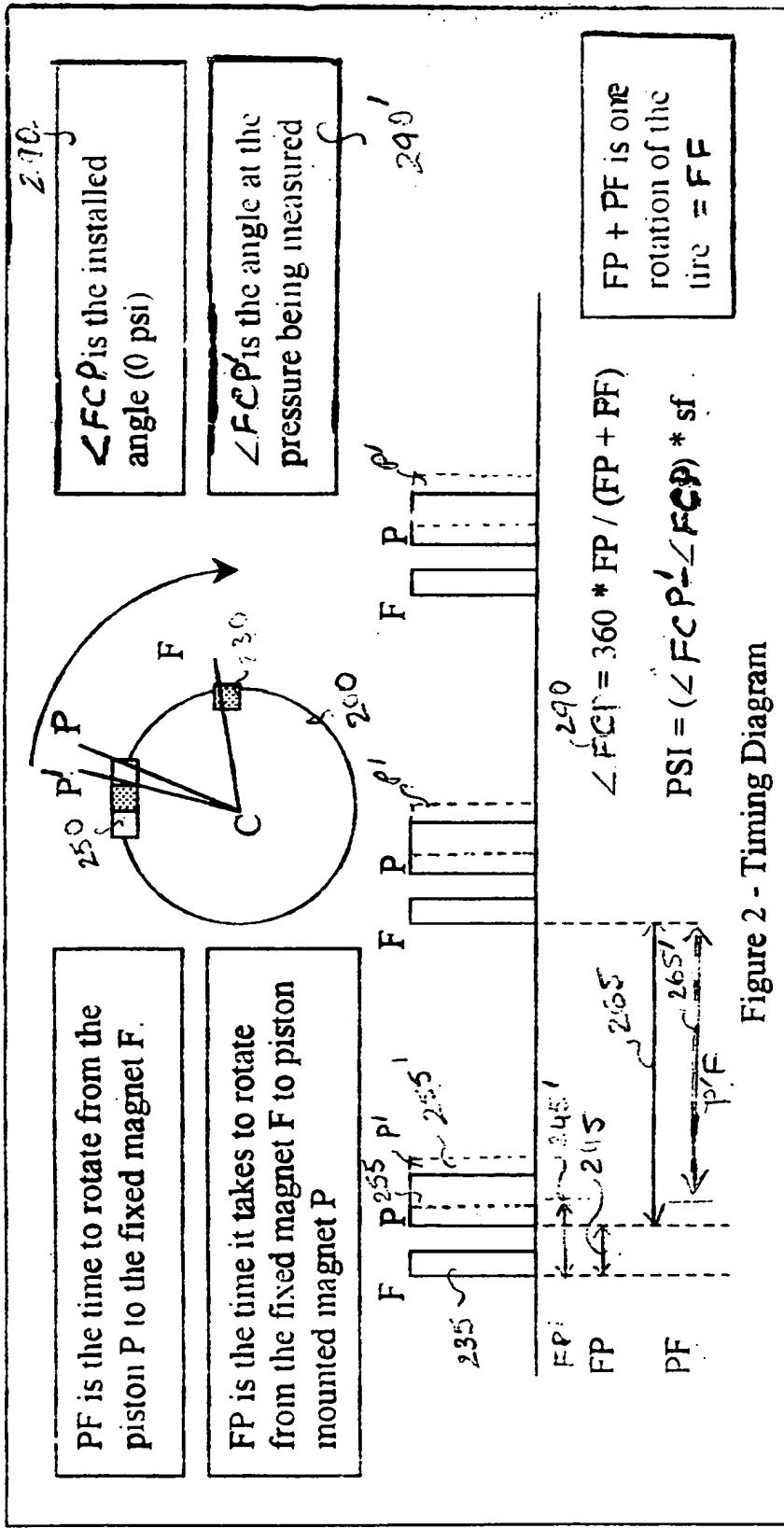


Figure 2 - Timing Diagram

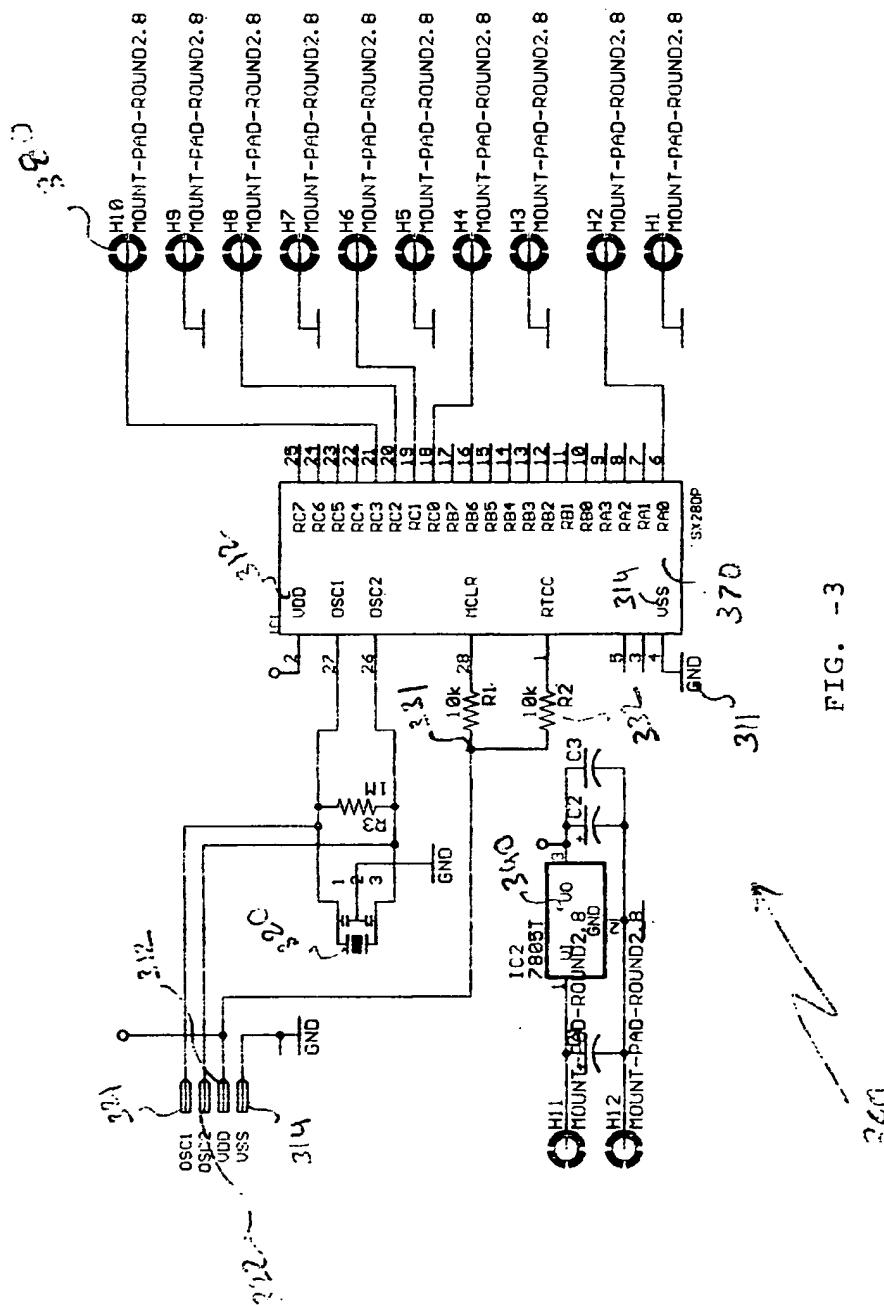


FIG. - 3

Piston
Assembly
Instructions

Place the piston components onto the shaft, with the seals open sides facing the magnets. Clip on the C-clip to hold the assembly together.

Drawing #: 4
Date: 10/14/01

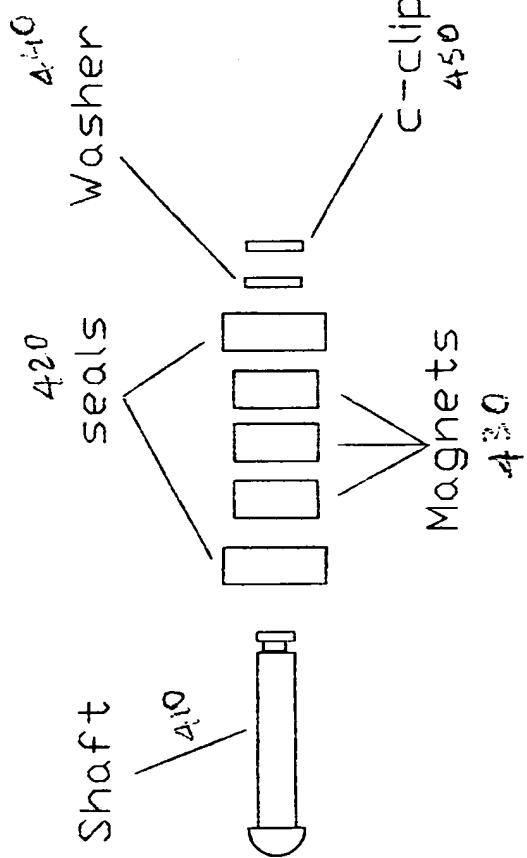


Fig. 4A

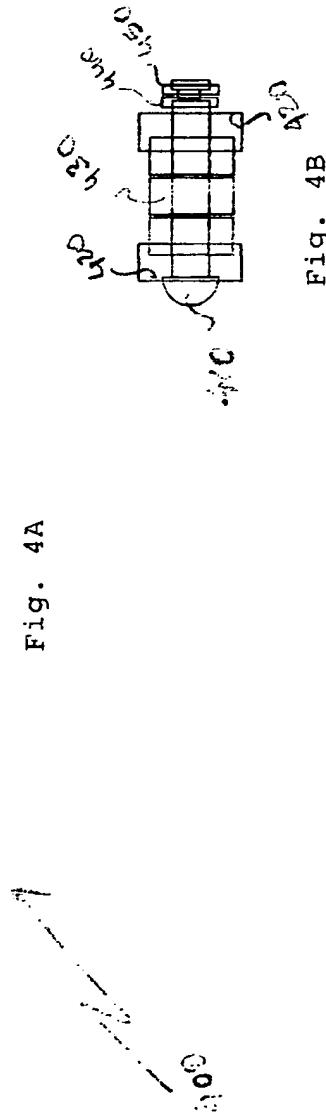


Fig. 4B

Cylinder
Assemble
Instructions

press the
end cap into
one end of
the cylinder.
Insert the
piston. Press
the collect
into the
other end.

Drawing #: 5
Date: 10/17/01

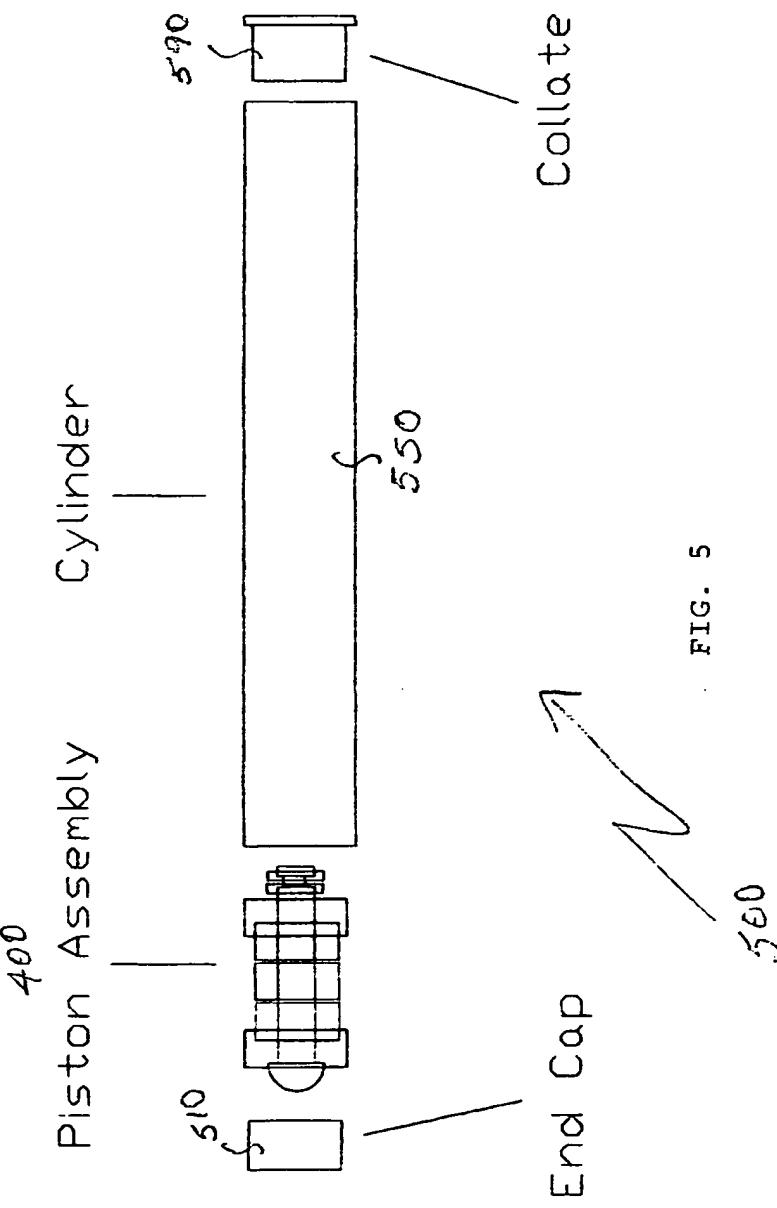


FIG. 5

Rim
Assemble
Instructions

Epoxy the
Cylinder
mounts to
the cylinder.
Epoxy the
Cylinder
Assembly to
the Rim
Mounts, and
the Rim.

Drawing #: 6
Date: 10/17/01

506
Cylinder Assembly

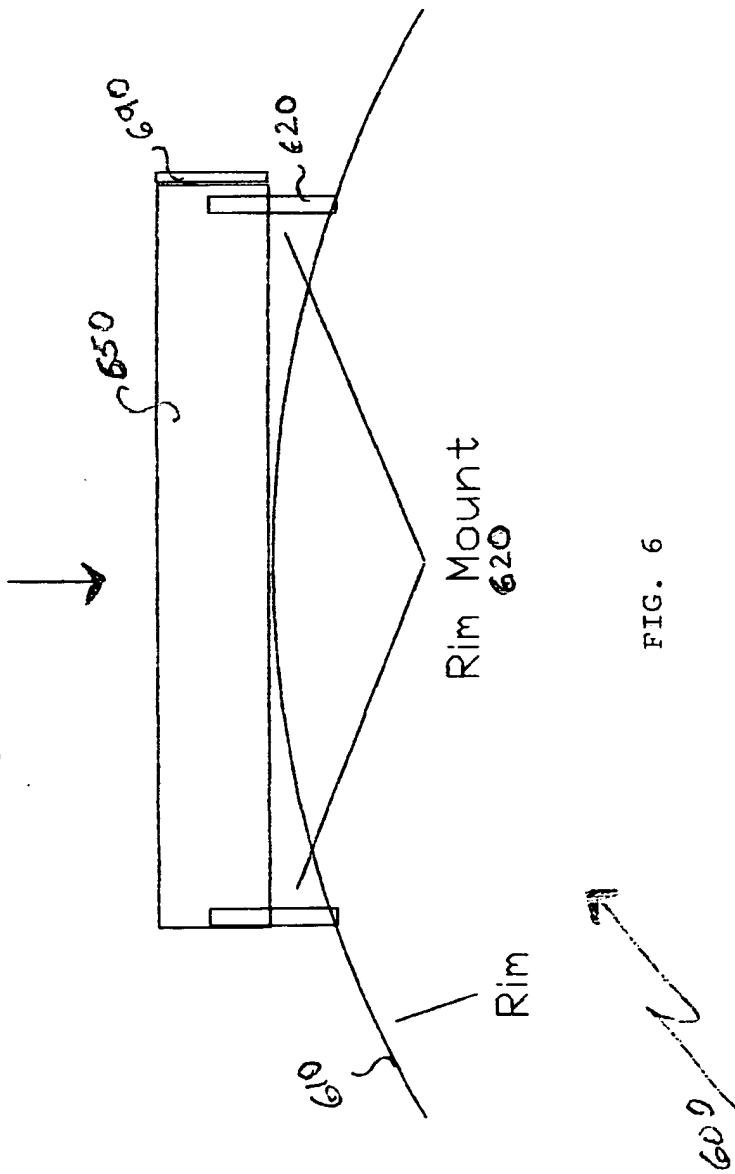


FIG. 6